

सत्यमेव जयते

**PUBLISHED BY AUTHORITY**

**Separate paging is given to this Part in order that it may be filed as a separate compilation**

**Notifications and Notices issued by the Patent Office relating to Patents and Designs**

*Calcutta, the 30th November 1963*

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

11th November 1963

90742. V. K. Paranjape and D. V. Paranjape. Economic method of processing aluminium scrap of large surface to a volumic ratio to obtain a greater yield when melting down such scrap to produce liquid metal.
90743. Associated Electrical Industries Limited. Improvements relating to mountains and control gear for fluorescent lamps. (23rd November 1962).
90744. Imperial Chemical Industries Limited. Thermoplastic polymers. (16th November 1962).
90745. Imperial Chemical Industries Limited. Copolymers of N-substituted maleimides. (16th November 1962).
90746. Imperial Chemical Industries Limited. Homocyclic compounds. (23rd November 1962).
90747. CSF—Compagnie Generale de Telegraphie Sans Fil. Method of manufacturing cold-emission cathodes. (19th June 1963).
90748. Compagnie Francaise De Television. Improvements in colour television systems. (4th April 1963).
90749. Allied Chemical Corporation. Purification of melamine.
90750. Dorr-Oliver Incorporated. Sedimentation tank having rotatable sediment conveying structure.
90751. Union Carbide Corporation. Electrodes for batteries and process for producing the same. (29th November 1962).
90752. AMP Incorporated. Improvements in electrical contact panel assemblies or pinboards.
90753. J. C. Renfro. Method of making humus.
90754. Babcock & Wilcox Limited. Improvements in or relating to transducers. (12th November 1962).
90755. Babcock & Wilcox Limited. Improvements in or relating to pulverising mills. (12th November 1962).
90756. Phillips Petroleum Company. Recovery of organic polar compounds from polymerization processes.

90757. Combustion Engineering, Inc. Chemical recovery apparatus.
90758. Combustion Engineering, Inc. A forced flow once-through steam generator and method for operating the same.
90759. Combustion Engineering, Inc. A forced flow once-through type steam boiler and method for operating the same.
90760. Ciba Limited. Pesticides.
90761. The Cementation Company Limited. Improvements relating to subterranean anchorages. (12th November 1962).
90762. GEBR. Lang. Electric shaver.
90763. Farbenfabriken Bayer Aktiengesellschaft. Thermoplastic moulding compositions. (4th October 1963).
90764. The British Petroleum Company Limited. Lubricating compositions. (4th December 1962).
90765. Unidare Limited. Improvements relating to overhead cable systems. (12th November 1962).
90766. Soundwell Investments Limited. Improvements in or relating to methods of footwear assembly. (18th November 1962).
90767. E. H. Green. Valve structure for pressurized spray package.
90768. H. Yokota and S. Yokota. Centrifugal pump.
90769. Roneo Limited. Improved containers for drawings and the like.
90770. Societa Farmaceutici Italia. Process for the preparation of a new antibiotic.
90771. Philips Electronics and Pharmaceutical Industries Corp. Novel vaccine for panleukopenia and method of preparing the same.
- 12th November 1963*
90772. Westinghouse Electric Corporation. Improvements in or relating to condensing structure and electric switch.
90773. Westinghouse Electric Corporation. Improvements in or relating to power source for electrical devices.
90774. Sandoz Ltd. Improvements in or relating to organic compounds. (13th November 1962).
90775. Siebe Gorman & Company Limited. Improvements in or relating to breathing apparatus. (13th November 1962).

90776. The Broken Hill Associated Smelters Proprietary Limited. Method for the treatment of metalliferous materials and apparatus therefor. (13th November 1962).
90777. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of diphenylalkylamines.
90778. H. Weiste. Plant-setting machine.
90779. J. D. Drinko and Central National Bank of Cleveland. Appliance for linear bodies.
90780. Hajtomu Es Felvonogyar. Electrostatic coating apparatus.
90781. Nippon Electric Company Limited. Loud-speaking telephone instrument.
90782. Hercules Powder Company. Improvements in or relating to elastomeric compositions.
90783. Lansing Bagnall Limited. Improvements in or relating to apparatus for loading and unloading goods from vehicles and the like.
90784. John G. Stein & Company Limited. Improvements in and relating to refractory bricks. (13th November 1962).
90785. Dunlop Rubber Company Limited. Method of and apparatus for covering concave tapered curved surfaces of revolution. (20th November 1962).
90786. Herbert Hunt & Sons Ltd. Improvements in or relating to precision grinding machines. (15th November 1962).
90787. Shell Internationale Research Maatschappij N. V. Nonash lubricating oil composition containing novel salts.
90788. Smith Kline & French Laboratories. Improvements in or relating to antidepressant compositions.
90789. Sperry Rand Corporation. Phase modulation reading system.
90790. Sherritt Gordon Mines Limited. Process for the treatment of lateritic ores. (25th July 1962).
90791. Siemens-Schuckertwerke Aktiengesellschaft. A process for the production of a p-soped zone in a body of semiconductor material of the IVth group of the periodic system of the elements.
90792. Laboratoires Om Societe Anonyme. Process for the preparation of therapeutically active sulphonated derivatives of p-dihydroxy-benzene.
90793. F. Erdelyi. A process and device to roll tap drills.
90794. E. Merck Aktiengesellschaft. Plant morphoregulators.
- 13th November 1963
90795. J. C. Kattakayam. Operation clean up of anti-social elements.
90796. S. N. Ghate and A. S. Ghate. Improved centrifugal clutch assembly.
90797. Shree Subodhkumar Ghose. An apparatus for rolling bread (Indian type).
90798. Aktiebolaget Separator. Method for producing blood meal and device therefor.
90799. Metal Hydrides Incorporated and Southern Bleachery and Print Works, Inc. Improvements in method for processing cellulose.
90800. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Liquid-phase epoxidation of olefines by means of molecular oxygen.
90801. Bahre Metallwerk K. G. Process and apparatus for the continuous manufacture of boards from particle-like substances.
90802. Ciba Limited. Manufacture of new imidazoles.
90803. Tanabe Seiyaku Co., Ltd. Method of preparing organic thiamine disulfide esters.
90804. Shell Internationale Research Maatschappij N. V. Stabilized polymers or copolymers of ethylenically unsaturated hydrocarbons and process for the preparation thereof.
90805. Imperial Chemical Industries Limited. Copolymers of N-substituted maleimides. (21st November 1962).
90806. Sperry Rand Corporation. Spiral hinge.
90807. Sperry Rand Corporation. Memory apparatus.
90808. Albiswerk Zurich A. G. Improved automatic gain controlled amplifier means. (9th September 1963).
90809. Albiswerk Zurich A. G. Improved amplitude modulation compressor circuit. (7th October 1963).
90810. Becorit (G. B.) Limited. Monorail particularly for underground mining. (18th October 1963).
90811. E.L.S.E.—S.r.l. Rigid-guide excavator, particularly suitable for the digging of trenches with vertical walls.
- 14th November 1963
90812. S. M. Malaviya and A. R. R. Mansuri. Manufacturing a bangle cutting machine.
90813. Dr. Asima Chatterjee, Dr. Prasanta Kumar Dey and Dr. Sarashi Ranjan Mukherjee. Marsiline, a sedative and anti-convulsant principle from marsilca species.
90814. V. I. Grushewenko, S. A. Stepanjants, L. V. Kurtev, J. L. Ishchuk, D. V. Faerman, N. E. Dobrjakova, I. P. Pavlova, G. V. Kotelnikova, Z. G. Sirotenko and N. A. Alexandrovsky. Wire rope lubricant.
90815. Van Leer Industries Limited. Container for the packaging, the storage and the transportation of goods.
90816. Indian Oxygen Limited. Improvements in or relating to a method of welding and apparatus therefor. (30th November 1962).
90817. Klockner-Humboldt-Deutz Aktiengesellschaft. Apparatus for heating fine granular substances, particularly few powdered cement. (18th October 1963).
90818. United States Rubber Company. Improvements in adhering textile materials to rubber. [Addition to No. 83148].
90819. T. N. W. Leijon. Digging machine having a laterally tiltable bucket. (21st November 1962).
90820. Sperry Rand Corporation. Logic circuit. [Addition to No. 84544].
90821. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (16th November 1962).
90822. Westland Aircraft Limited. Improvements in or relating to control systems for ground effect vehicles. (15th November 1962).
90823. The Modern Steam Industries. Improvements in or relating to measuring instruments.
90824. Deering Milliken Research Corporation. Process for producing cellulosic materials.
- Alteration of date**
80033. Post-dated to 29th October 1962 under Section 5 of the Act.
82403. The claim to priority date has been altered from 18th June 1961 to 16th June 1961.
- Applications Accepted**
- Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.
- A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act

80033 V B Mahtani Photo-corners in sheet form and method of manufacturing the same. Accepted on 13th November 1963.

*Consisting of a series of triangular pockets joined to each other by a heat sealed joint wherein the joint is tearable the back of each of pockets is coated with adhesive and wherein the surface of said back is covered by a cellophane of the like sheet.*

80566 Owens-Corning Fibreglas Corporation. Electrically-conductive elements made of glass fibres and method of making same Accepted on 4th November 1963.

*Comprising the steps of passing glass fibers through a colloidal dispersion of electrically conductive particles in water to coat the outer surface of glass fibers with particles and then heating the coated fibers to cause the particles to adhere to the fibers*

80671. R A Lines An improved means for and an improved method of boring holes Accepted on 11th November 1963.

*Including the steps of inserting an auger through a tubular casing and positioning a cutter blade on the leading end of the auger boring a hole in the earth, maintaining the casing within the hole but behind the cutter while boring and withdrawing the casing.*

80673 Celanese Corporation of America Shaped articles and filamentary material and method of dyeing the same Accepted on 12th November 1963

*The article comprising high molecular weight oxymethylene polymer is dyed by a disperse dyestuff*

81031 Carrier Corporation. Method of making tubular members from powdered metal Accepted on 11th November 1963.

*Mixing a quantity of discrete metallic particles which can pass A S T M standard #325 sieve with a lubricating agent and then compacting the mixture to a predetermined shape for extrusion*

81054. The Indian Lac Cess Committee. Manufacture and use of shellac-based sprayable picture varnish for the preservation of works of art Accepted on 13th November 1963

*Comprises dissolving dewaxed bleached lac or dewaxed decolorised lac or shellac in redistilled methylated or rectified spirit and n-butyl alcohol.*

81093 Imperial Chemical Industries Limited. Process for the free radical polymerisation of olefinic compounds in the presence of dinonanoyle peroxide as an initiator. (9th March 1961). Accepted on 13th November 1963

*Wherein the polymerisation is carried out in the presence of dinonanoyle peroxide prepared from 3, 5, 5-trimethyl hexanoic acid containing less than 0.2% of its C<sub>8</sub>-C<sub>10</sub> isomers and/or homologues having at least 5 carbon atoms in a straight chain.*

81277 Veb Optima Buromaschinenwerk Erfurt. Line escapement wheel coupling in typewriter. Accepted on 11th November 1963.

*Clutch elements consisting of two ratchets supporting each other, and being radially and axially guided and kept in a stretched position by spring tension being positively connected with a counter toothing.*

81337. Preparation Industrielle Des Combustibles. Improved process for fixation of filter cloth in drum or disc filters Accepted on 13th November 1963.

*Having one end of the filter cloth being gripped between two half circles of an adjustable rod and the other being pinched between the gap of another pair of half circles, the adjustable rod being fitted with a clamping device*

81366. Canadian Celanese Limited. Dyeable shaped structure of polyolefins and process for preparing the same Accepted on 13th November 1963.

*Polyolefin having dispersed therein, fusible cellulose ether.*

81374 Rohm & Haas Company Process for the production of 2, 6-dioxaspiro (3, 3) heptane. Accepted on 13th November 1963.

*By reacting pentaerythritol dichloride with potassium hydroxide in the presence of an alkane*

82153 E I du Pont de Nemours and Company. New pigment compositions process for the preparation thereof and coating compositions comprising same Accepted on 8th November 1963

*Characterised in that there is on the surface of the flakes a translucent layer of carbon and optionally a translucent intermediate layer of a metal oxide.*

82166 Minister of Aviation in her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Protective paints (17th May 1961). Accepted on 11th November 1963.

*Containing a pigment consisting mostly of zirconium dioxide powder having a particle size within the range from 0.2 to 1.5 microns.*

82177. Sanghvi Non-ferrous Metal Industries. Cookers. Accepted on 11th November 1963.

*Comprising a set of superimposed vessels or containers which are held together by side straps and each of the side straps consists of a rectangular frame which at its lower end is constrained to hold a clamp outside the bottom vessel*

82187 H B. Purohit Loading and unloading device for use with vehicles. Accepted on 11th November 1963.

*Comprising a winch permanently mounted on the front end of the trailer, means for operably connecting the winch with the engine, one or more ramps fitted at the rear end of the trailer and an off loader.*

82201 Stamicaarbon N. V. Composition and process for vulcanizing saturated polymers and resulting products. Accepted on 11th November 1963.

*Comprising a mixture of saturated polymer with furfural and/or a condensation product thereof and on filler.*

82221. Imperial Chemical Industries Limited. New azo compounds (26th May 1961). Accepted on 13th November 1963.

*By reacting corresponding metal complex compound with the acid halide or anhydride of an acid which contains a reactive group.*

82263 T P G Nambiar. Improved cooling towers. Accepted on 13th November 1963.

*Water cooling tower having an outer casing and a pan at its base, a pipe vertically mounted on the pan, a distributing arm member rotatably mounted at the free end of the pipe, a slab of honeycomb structure being housed in the outer casing below the distributing arm member.*

82284 Aktiebolaget Svenska Flaktfabriken. A device for regulating the pressure in air ventilating duct system. Accepted on 13th November 1963

*Comprising in combination a relatively small branch duct connected to the main duct near the blower, a throttling flange, an adjustment damper, a pressure sensing member and a control device governed by servo device and adapted to regulate the operation of blower and at the same time change the position of adjustment damper.*

82288. Dr. Beck & Co. G.m.b.H. Hardeners for synthetic resins and compositions containing the same. Accepted on 14th November 1963.

*Comprises dissolving an oxime or an ether thereof in boron trifluoride diethyl etherate.*

82316. Avisun Corporation. Thermoplastic film stretching apparatus. Accepted on 11th November 1963.

*Wherein arms are provided for supporting the discs of each pair of discs for rotary movement about a common axis perpendicular to the plane of film web.*

82317. Cederroths Tekniska Fabrik A. B. Bandage article for treating wounds. Accepted on 13th November 1963.

*Characterized in that the surface of the compress which is to be applied to the wound is covered by a large mesh fabric wherein the warp and weft threads consist of continuous filaments and wherein the warp and weft threads are non-displaceably affixed to each other at their inter sections.*

82403. The Mining Engineering Company Limited. Improvements relating to belt conveyors. (16th June 1961). Accepted on 12th November 1963.

*Comprising a central roller two oppositely inclined side rollers and two sprays.*

82414. The British Oxygen Company Limited. Apparatus and processes for the treatment of elongated, generally rod-like articles. Accepted on 13th November 1963.

*Comprising a conveyor for conveying the rods, means for transferring the rods to rod carriers, means for passing the carriers through the treatment plant and means for unloading the rods.*

82461. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the polymerization and co-polymerization of fluorinated olefins and polymeric products thus obtained. Accepted on 13th November 1963.

*Polymerising at 30-150°C, 60 atm. pressure in presence of catalyst, reaction product of metallorganic compound of an element of group I, III and transition metal compound in organic liquid.*

82473. Pittsburgh Plate Glass Company. Gas burner for sheet glass drawing chamber. Accepted on 14th November 1963.

*Comprises an elongated tubular member for connection to a supply of gaseous fuel and with a plurality of nozzle openings along its length, flame retaining means overlying nozzle opening and means to restrict the width of flames and products of combustion from burner.*

82510. N. V. Phillips' Gloeilampenfabrieken. Improvements in or relating to herbicidal compositions. Accepted on 13th November 1963.

*Comprises benzothiadiazole compound as the active ingredient in a concentration of 0.01 to 50% in admixture with a diluent or carrier, if desired with the addition of surface active agents or dispersion agents.*

82532. Sperry Rand Corporation. Method and means for electrical connection. Accepted on 11th November 1963.

*Includes the steps of crimping each terminal of a plurality of at least three conductors in such a way about at least two conductors that each conductor is connected to two different terminals.*

82608. Shell Internationale Research Maatschappij N. V. A. method of treating an earth formation. Accepted on 12th November 1963.

*Comprising the steps of pumping a predetermined volume of selected liquid, injecting the selected liquid pumping a predetermined volume of liquid formation plugging material and repeating the steps.*

82655. P. Banyai and A. Klatsmanyi. Lightwriting equipment. Accepted on 12th November 1963.

*Characterized by a series, parallel transforming circuit, a decoding matrix, letter forming matrix, circuit assigning rows and columns, column and row assigning circuits.*

82700. Sun Oil Company. Production of naphthalene. Accepted on 13th November 1963.

*By subjecting charge stock containing alkylnaphthalenes to a conditioning treatment with hydrogen in the presence of a desulfurization catalyst followed by a thermal treatment above 100°F at a pressure of 150-1000 p.s.i.g. and a hydrogen to hydrocarbon mole ratio of 3 : 1 to 25 : 1.*

82717. Allied Chemical Corporation. Process for the production of storage-stable, film-forming polyurethane-based coating compositions. Accepted on 12th November 1963.

*Comprises reacting in the absence of water a polyol or a mixture of polyols with a polyisocyanate or polyisocyanate mixture.*

82778. The Goodyear Tire & Rubber Company. Improvements in polymerization of 2 alkyl substituted butadienes and catalysts therefor. Accepted on 14th November 1963.

*Polymerising 2-alkyl-1, 3-butadiene in presence of a catalyst comprising titanium tetrachloride and organo aluminium etherate.*

82796. Dunlop Rubber Company Limited. Apparatus for the heat treatment of textile materials. (27th June 1961). Accepted on 13th November 1963.

*Comprising a container and means for supplying fluidising gas to the base of the container, said means being arranged to supply gas.*

82800. Standard Telephones and Cables Limited. Angle indicator. (1st September 1961). Accepted on 13th November 1963.

*Including a plurality of indicator arms, means to detect magnitude, and means to indicate position.*

82817. Scientific Design Company, Inc. Process for the recovery of maleic anhydride. Accepted on 14th November 1963.

*Cooling mixture of maleic anhydride and water to partial condensation temperature and centrifugally separating liquid maleic anhydride from gaseous mixture.*

82833. The Black-Clawson Company. Apparatus and method for high speed paper manufacture. Accepted on 13th November 1963.

*Depositing a watery fibrous pulp stock on to one face of a main forming wire to form a layer of stock thereon, covering said layer of stock with a covering forming wire and moving said wires.*

82857. P. Banyai and A. Klatsmanyi. Electric news. Accepted on 13th November 1963.

*Characterised further by direct metallic connections between one column (row) of the lamp panel and the letter-forming matrix circuits, and by a signal transfer system composed of switching and auxiliary memorizing circuits built together with the lamp panel.*

82874. Shell Internationale Research Maatschappij N. V. Composition for water base paints. Accepted on 13th November 1963.

*Copolymerizing a monomer mixture containing vinyl esters of saturated aliphatic monocarboxylic acids, the COOH group being attached to tertiary or quaternary C atom, an alkyl ester of a polymerizable  $\alpha$ ,  $\beta$ -vinylidene carboxylic acid, and 0.5-5% of  $\alpha$ ,  $\beta$ -vinylidene carboxylic acid in an aqueous emulsion at 0-90°, using a free radical catalyst.*

82878. Imperial Chemical Industries Limited. Plastic compositions. (26th June 1961). Accepted on 13th November 1963.

*Comprises chlorinated polyvinyl chloride containing 60-70% by weight of chlorine and a plasticising proportion of a chlorinated hydrocarbon plasticizer as primary plasticiser.*

82936. Shell Internationale Research Maatschappij N. V. Process for the selective removal of hydrogen sulphide from gases. (27th June 1961). Accepted on 13th November 1963.

*By treating the gas with an aqueous solution containing one or more dipropanolamines.*

83045. E. Negishi. Automatic building and doffing control apparatus for the yarn guide member in a spinning machine or a twisting machine. Accepted on 13th November 1963.

*Comprising in combination:—(a) lifting chain means adapted to yarn guide means for operating the same, (b) a rocker arm member supporting the said lifting means, (c) a wheel member rotatable adjacent the said rocker arm, (d) actuating means for the said wheels, and (e) engaging means for selective engagement of the said wheel with said rocker arm.*

83073. Presna Mechanika, Narodny Podnik. Casing for multiple-inflow watermeters. Accepted on 14th November 1963.

*Casing consisting of two sections which form a single workpiece, a single body, one section, i.e. the bottom /1b/ of the casing /1/ forming also the bottom of the guide chamber of the watermeter.*

83154. The Osborn Manufacturing Company. Foundry moulding machine and squeeze head therefor. Accepted on 13th November 1963.

*Comprises a downwardly opening cavity member with a peripheral flange, a clamping ring of the same marginal dimension as the peripheral flange and a thick diaphragm clamped along its peripheral edge between said ring and flange.*

83155. The Osborn Manufacturing Company. Squeeze apparatus for a foundry moulding machine. Accepted on 13th November 1963.

*Comprises a squeeze head including a plurality of downwardly projecting piston-cylinder assemblies, means manifolding each of said piston-cylinder assemblies, to a common source and control means responsive to development of a predetermined pressure in said manifold means.*

83161. Siemens-Schuckertwerke Aktiengesellschaft. A semiconductor arrangement. Accepted on 13th November 1963.

*Process for producing comprises stacking a plurality of wafers of semiconducting material having same lattice structure in a reaction zone containing a reaction medium, and forming a temperature gradient along the stack of wafers.*

83321. W. Scheffel. Apparatus for pneumatic carrying-in of the wefts on weaving looms. [Addition to No. 72300]. Accepted on 14th November 1963.

*Comprising a diaphragm pump and a gear for actuating the diaphragm pump driven from the loom in synchronism with the latter.*

83368. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of joining metal component parts with glass leading-in-members. Accepted on 13th November 1963.

*Are first covered by electrodeposition with a phosphorus-free nickel-cobalt layer, from a electroless nickel plating with a phosphorus containing nickel layer.*

83395. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. A process for preparing vulcanized products having high electric and mechanical characteristics from mixes of olefin copolymers. Accepted on 13th November 1963.

*Characterised in that copolymer is mixed with white mineral filler, the mix is subjected to a thermal dynamic treatment and then cooled, mixed with the vulcanization agents and vulcanized, thus obtaining articles having high mechanical properties.*

83415. Stauffer Chemical Company. Novel alkyl phosphonodithioate derivatives process for preparing them and pesticidal composition containing the same. Accepted on 13th November 1963.

*Reacting  $R \times P = S, OR_1$ , with alkyl ester component of aliphatic dicarboxylic acid  $R.OOCH = CHCOOR_2$ ;  $R, R_1, R_2$ , being alkyl radicals and  $X$  is mercapto or halogen group.*

83506. Parks-Cramer Company. Travelling cleaning apparatus. Accepted on 13th November 1963.

*Including a movable blower having air inlet means and means for moving blower along a predetermined path.*

83551. Stolberger Zink Aktiengesellschaft für Bergbau und Huttenbetrieb. Process for the production of zinc. (30th March 1962). Accepted on 11th November 1963.

*Melt of the smelter is alloyed with sodium at 470-520°C in an amount up to 5%, cooled down to 430°C and freed at a temperature above the melting point of zinc.*

83600. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to coil-winding machines for uninterruptedly providing rotors of small collector motors with coils, and loops lying between the coils, consisting of metal wire. Accepted on 12th November 1963.

*Hooked member performs both axial movement along the central line of the rotor and its own axis.*

83609. Ciba Limited. New dyestuffs of the naphthofurandione series and process for their manufacture. Accepted on 13th November 1963.

*By condensing two molecular proportions of a halide of a naphthofurandione carboxylic acid with an molecular proportion of a diamine.*

83757. Temescal Metallurgical Corporation. Improvements in or relating to foil production. Accepted on 13th November 1963.

*Producing a vacuum within a chamber, then heating the material in the chamber to a temperature sufficient to vaporise the heated material, passing a substrate through the vaporized material within the evacuated chamber and permitting the vaporized material to condense on the substrate.*

83851. Aktiebolaget Bofors. Electrical counting mechanism. Accepted on 12th November 1963.

*Comprising a first electrical impulse storing counter and a second impulse storing counter and means for interconnecting said counters.*

83865. The B. F. Goodrich Company. Easily processed vinyl resins. (15th June 1962). Accepted on 13th November 1963.

*Polymerising 70-100% by weight of vinyl chloride and 0-30% of one other mono-olefinically unsaturated polymerisable monomer in water in presence of insoluble soap.*

84249. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to proportioning devices for filling powder in mould cavities. Accepted on 12th November 1963.

*Comprising a carrier having one or more mould cavities and also comprising a member which surrounds a plurality of rotary bodies bearing on the surface of the carrier.*

84359. Heinrich Koppers Gesellschaft mit beschränkter Haftung. Process for the preparation of pure ammonia. Accepted on 14th November 1963.

*A vapour mixture comprising water vapour, ammonia gas and acid gases is obtained for further processing by direct or indirect heating of the crude ammonia liquor characterised in that the distilling apparatus is operated under conditions such that the vapour mixture has acid content of 33% by volume and is washed in countercurrent absorbed with water at ordinary temperature in such proportion of about 45 to 90% by weight, the temperature maintained at 55 to 65°C.*

84621. Electroflo Meters Company Limited. Improvements relating to electrical control apparatus. (19th December 1961). Accepted on 13th November 1963.

*Comprising an instrument, a light obturator an actuating circuit and means for achieving plus derivative control.*

84650. Siemens & Halske Aktiengesellschaft. Improvements in or relating to electro-acoustic transducers. (27th September 1963). Accepted on 13th November 1963.

*Including a membrane in the form of a plate of piezo-electric material coated on each side with metal, wherein membrane is mounted between rigid abutment and resilient abutment.*

84772. Metallgesellschaft Aktiengesellschaft. Equipment for roasting or pellets. Accepted on 11th November 1963.

*Comprising a sintering apparatus with feeding device having several feed points which are distributed over the width of the grate of the sintering apparatus and where feeding performance is proportion to radial distance from the centre of rotation of the apparatus.*

84838. Nippon Kokan Kabushiki Kaisha and Toyo Engineering Corporation. Wet-process phosphoric acid manufacture by the semihydrate-dihydrate calcium sulphate method. Accepted on 13th November 1963.

*Characterised in that the crystal of dihydrate calcium sulphate, limestone, slaked lime, lime silicate and other lime compounds by sulphuric acid or sulphuric acid containing phosphoric acid is added to the semihydrate calcium sulphate slurry obtained by making sulphuric acid and phosphoric acid act on phosphate rock and after dehydration, the byproduct gypsum is separated.*

84899. Brown, Boveri & Company Limited. Production of porous electrodes. Accepted on 14th November 1963.

*Comprising mixing first powdered metal which is to form electrode with a second powdered metal soluble in alkaline or acidic solution, pressing the powder mixture into shape and then sintering and treating the shaped article obtained with alkaline or acidic solution in which the second metal is soluble and in which the first metal is insoluble in order to dissolve out the second metal.*

84956. Standard Telephones and Cables Limited. Electrical conductor joints. (30th April 1962). Accepted on 13th November 1963.

*Which includes the steps of forming a screw thread of an end portion of each of the conductors, screwing an internally threaded ferrule on threaded portion and soldering it.*

84985. The Lummus Company. Pre-barking conveyor. Accepted on 13th November 1963.

*Comprising guide means for guiding and transporting logs lengthwise including an elongated hollow structure having screw-like rib means to frictionally engage the periphery of the logs and motor means for rotating said structure.*

85309. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. A process of recovering melamine. Accepted on 11th November 1963.

*The molten mixture containing melamine is quenched with an aqueous recycle solution, saturated with ammonia and CO<sub>2</sub> and heated at 100 to 200°C and the melamine is filtered and melamine recovered from the filtrate.*

85357. The British Petroleum Company Limited. Improvements relating to the preparation of catalysts and to an isomerisation process in which said catalysts are employed. (29th November 1961). Accepted on 11th November 1963.

*Contacting a halogenatable inorganic oxide with an alkali or alkaline earth metal compound so that the metal compound is retained by the oxide.*

85435. Shellac Export Promotion Council. Improvements in or relating to the manufacture of aleuritic acid from lac. Accepted on 13th November 1963.

*Heating with alcoholic caustic soda solution separating salt formed by filtration, purifying with denatured alcohol and acidifying.*

85725. Aktiebolaget Svenska Flaktfabriken. An arrangement in spray-painting plants. Accepted on 14th November 1963.

*Bottom of the separator is sloping towards one end of the plant where it has an outlet to separation tank, at which end the pump (s) is (are) connected, where an endless conveyor is provided for taking up paint particles by defoaming the liquid surface.*

85787. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of rods with core and shell of different materials. Accepted on 12th November 1963.

*Making a compact of the shell mixture with a central hole filling the hole with the core mixture followed by extruding the compact containing the core mixture in the centre.*

86243. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of thermoplastic sheet material. (31st January 1962). Accepted on 13th November 1963.

*Characterised by the use of an embossing means the embossing surface of which is provided by an organopolysiloxane elastomer.*

86299. Sherritt Gordon Mines Limited. Process for the treatment of copper-zinc containing mineral sulphides. (16th February 1962). Accepted on 13th November 1963.

*Comprising leaching the sulphides with aqueous ammoniacal solution, separating the residue, adjusting ammonia content of the solution by distillation, oxidising at a temperature above 200°C, reacting the so-adjusted solution with a reducing gas above 100°C and under a partial pressure above 3 atmospheres, with drawing reduced solution from reduction step above 95°C, then precipitating and separating residual dissolved metal values.*

86344. Hermorion Limited. A method of treating a polyolefine surface of packaging materials or the like as well as a material treated. Accepted on 14th November 1963.

*Applying to the polyolefine surface, before engaging the heated working surface, a layer of a petroleum paraffin.*

#### Opposition Proceedings

(1)

The application for Patent No. 77410 made by W. R. Schmitz in respect of which an opposition was entered by National Rayon Corporation Ltd., as notified in Part III, Section 2 of the Gazette of India, dated the 24th August 1963, has been treated as abandoned.

(2)

The application for Patent No. 77826 made by W. R. Schmitz in respect of which opposition was entered by Travancore Rayons Limited, as notified in Part III, Section 2 of the Gazette of India, dated 19th October 1963 has been treated as abandoned.

(3)

The application for Patent No. 77826 made by W. R. Schmitz in respect of which opposition was entered by Juggilal Kamlatpat Cotton Spinning & Weaving Mills Co. Ltd., as notified in Part III, Section 2 of the Gazette of India, dated 19th October 1963 has been treated as abandoned.

(4)

The application for Patent No. 77826 made by W. R. Schmitz in respect of which an opposition was entered by Ing. A. Maurer S. A., as notified in Part III, Section 2 of the Gazette of India, dated 19th October 1963 has been treated as abandoned.

(5)

The application for Patent No. 77826 made by W. R. Schmitz in respect of which an opposition was entered by The National Rayon Corporation Ltd., as notified in Part III, Section 2 of the Gazette of India, dated 19th October 1963 has been treated as abandoned.

(6)

The application for Patent No. 77826 made by W. R. Schmitz in respect of which an opposition was entered by The Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., as notified in Part III, Section 2 of the Gazette of India, dated 19th October 1963 has been treated as abandoned.

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

77077.	72988.	72770.	73220.	73221.	73222.	73223.
73262.	73305.	73434.	73448.	73598.	73636.	73711.
74069.	74195.	74289.	74318.	74319.	74327.	74336.
74354.	74356.	74357.	74358.	74368.	74369.	74376.
74380.	74388.	74402.	74403.	74412.	74436.	74448.
74452.	74462.	74471.	74473.	74504.	74524.	74540.
74557.	74570.	74588.	74594.	74602.	74625.	74635.
74654.	74687.	74706.	74774.	74791.	74822.	74830.
74833.	74844.	74852.	74929.	74935.	74963.	75030.
75033.	75043.	75044.	75075.	75161.	75208.	75223.
75338.	75343.	75446.	75620.	75627.	75646.	75655.
75699.	75734.	75994.	76317.	76342.	76371.	76379.
76592.	76607.	76806.	77258.	77443.	77503.	77614.
77632.	77765.	78288.	78766.	78767.	80635.	80636.
80637.	80638.	80639.	80640.	80641.	80642.	

(2)

73534.	73537.	73546.	73576.	73640.	73665.	73818.
73945.	73969.	74255.	74411.	74712.	74717.	74730.
74755.	74777.	74787.	74798.	74832.	74849.	74868.
74924.	74940.	74955.	75002.	75003.	75027.	75036.
75037.	75040.	75180.	75264.	75273.	75288.	75309.
75326.	75341.	75342.	75441.	75457.	75470.	75525.
75549.	75574.	75581.	75590.	75636.	75698.	75710.
75735.	75738.	75761.	75933.	75945.	75955.	76007.
76049.	76129.	76180.	76197.	76253.	76360.	76363.
76482.	76583.	77857.	78260.	80719.	81133.	82222.
82233.						

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Rohm & Haas Company, a corporation organised under the laws of the State of Delaware, United States of America, of 222 West Washington Square, Philadelphia 5, State of Pennsylvania, United States of America, Manufacturers, seek leave to amend the description and claims in the specification in respect of Patent application No. 71728. Any person desirous of opposing the application for

amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendment proposed by Socony Mobil Oil Company, Inc., in respect of Patent application No. 72002 as advertised in the Gazette of India, Part III, Section 2, dated the 3rd August 1963, has been allowed.

(3)

The amendment proposed by The Elton Cop Dyeing Company Limited in respect of Patent application No. 78413 as advertised in the Gazette of India, Part III, Section 2, dated the 10th August 1963, has been allowed.

(4)

The amendment proposed by Accumulatoren-Fabrik Aktiengesellschaft in respect of Patent application No. 79745 as advertised in the Gazette of India, Part III, Section 2, dated the 10th August 1963, has been allowed.

(5)

The amendment proposed by Accumulatoren-Fabrik Aktiengesellschaft in respect of Patent application No. 79746 as advertised in the Gazette of India, Part III, Section 2, dated the 10th August 1963, has been allowed.

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

72384—Phillips Petroleum Company.

#### Renewal Fees Paid

40683.	41686.	42311.	42352.	42477.	42532.	44109.
44477.	44719.	46074.	46206.	46210.	46316.	46399.
46414.	46851.	48580.	48587.	48600.	48623.	48624.
48625.	48731.	48747.	48822.	49246.	49247.	49276.
50651.	50741.	50862.	51048.	51081.	51106.	51112.
51157.	51442.	51532.	51580.	52934.	53079.	53173.
53192.	53274.	53298.	53299.	53332.	53333.	53370.
53371.	53447.	53459.	53489.	53500.	53618.	53680.
53728.	53729.	53751.	54152.	55116.	55869.	55877.
55926.	55932.	56015.	56096.	56115.	56150.	56152.
56276.	56306.	56382.	56421.	56457.	56578.	56634.
56640.	56643.	56700.	57154.	58465.	59052.	59091.
59120.	59226.	59231.	59236.	59253.	59271.	59297.
59299.	59300.	59538.	59582.	59637.	59638.	59746.
59803.	60331.	62032.	62264.	62265.	62359.	62361.
62388.	62389.	62442.	62484.	62501.	62537.	62539.
62557.	62619.	62622.	62662.	62807.	62808.	62920.
63022.	63085.	63293.	63629.	63680.	65486.	65523.
65702.	65774.	65848.	65868.	65888.	66005.	66018.
66064.	66182.	66189.	66231.	66254.	66266.	66271.
66281.	66394.	66428.	66560.	66566.	66567.	66581.
66738.	66763.	66854.	67032.	67316.	69330.	69388.
69389.	69715.	69720.	69721.	69722.	69723.	69724.
69752.	69753.	69819.	69871.	69897.	69913.	69941.
69974.	69975.	69976.	70000.	70068.	70130.	70157.
70191.	70196.	70299.	70300.	70456.	70522.	70523.
70658.	70661.	70743.	70774.	70799.	70844.	70845.
70874.	70975.	71038.	71050.	71051.	71109.	71215.
71444.	72245.	74229.	74255.	74264.	74339.	74350.
74375.	74435.	74487.	74489.	74626.	74665.	74685.
74923.	75101.	75465.	75522.	76015.	78171.	78786.

#### Cessation of Patents

50012.	52466.	55071.	58003.	58016.	58017.	58058.
58061.	61251.	61273.	61315.	61316.	61317.	61318.
61325.	61326.	61393.	64786.	64808.	64829.	64833.
68534.	68558.	68559.	68574.	68575.	68586.	68588.
68595.	68596.	68603.	68612.	68619.	68625.	



**Restoration Proceedings****(1)**

Notice is hereby given that an Order was made on the 7th November 1963, restoring the patent numbered 49015 dated as of the 19th February 1953 granted to William Joseph Kruppa and John Beckman Rinckhoff for, "Process of treating badly swelling and caking coals".

**(2)**

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 52344—Shri Ram Institute for Industrial Research.

The patent ceased on the 16th July 1962 owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 23rd March 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before 11th January 1964.

**(3)**

Notice is hereby given that an Order has been made on the 5th November 1963 restoring the Patent No. 57208 dated as of the 1st May 1956 granted to Dr. Laszlo Lipcsey for "Electric contact materials and methods of making the same".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 118671. Shiv Shankar Kapur (Indian), 15-Idgah Road, Delhi, "Tin cans", July 12, 1963.

Class 1. No. 119353. Shayama Charan Upadhaya, Indian National, Village Shukroli, P.O. Mahaso, District Basti, Uttar Pradesh, "Seed drill", August 30, 1963.

Class 1. Nos. 119390 to 119393. Chandan Metal Products Private Limited, An Indian Private Limited Company, registered under the Indian Companies Act, 1958, 13, Koregaon Park, Poona-1, Maharashtra, India, "Sofa-cum-bed", September 3, 1963.

Class 3. No. 118568. Thana Plastic Industries, Indian Partnership Firm, Mahamadali Road, Mahagiri, Thana (Maharashtra), "Water jug", July 5, 1963.

Class 5. No. 118954. Tara Pada Bakshi, 6F, Cornwallis Building, Calcutta-12, West Bengal, Indian subject, "Wrapper", August 2, 1963.

Class 5. No. 119352. Khansi Nash Nirman Shala, Maqbool Ganj, Lucknow, Uttar Pradesh, An Indian Proprietary Concern, "Labels", August 30, 1963.

Class 12. No. 119298. Prince Textiles, a Registered Indian Partnership Firm, 4A, Nayan Sur Lane, Calcutta-5, West Bengal, "Label", August 28, 1963.

Class 13. Nos. 119359 to 119364, 119366 and 119368 to 119382. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", September 7, 1963.

Class 13. Nos. 119501 to 119527 and 119529 to 119537. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a company incorporated in India, "Textile piecegoods", September 12, 1963.

Class 13. Nos. 119581, 119582, 119584, 119586 and 119587. The Delhi Cloth & General Mills Co. Ltd., Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", September 16, 1963.

Class 13. No. 119795. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", October 5, 1963.

Class 13. Nos. 119814 to 119828. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", October 8, 1963.

Class 13. No. 119877. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", October 16, 1963.

Class 14. No. 119829. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", October 8, 1963.

**A. JOGARAO**

*Controller General of Patents, Designs and Trade Marks*